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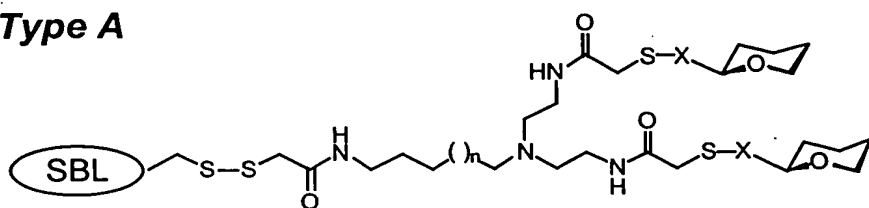
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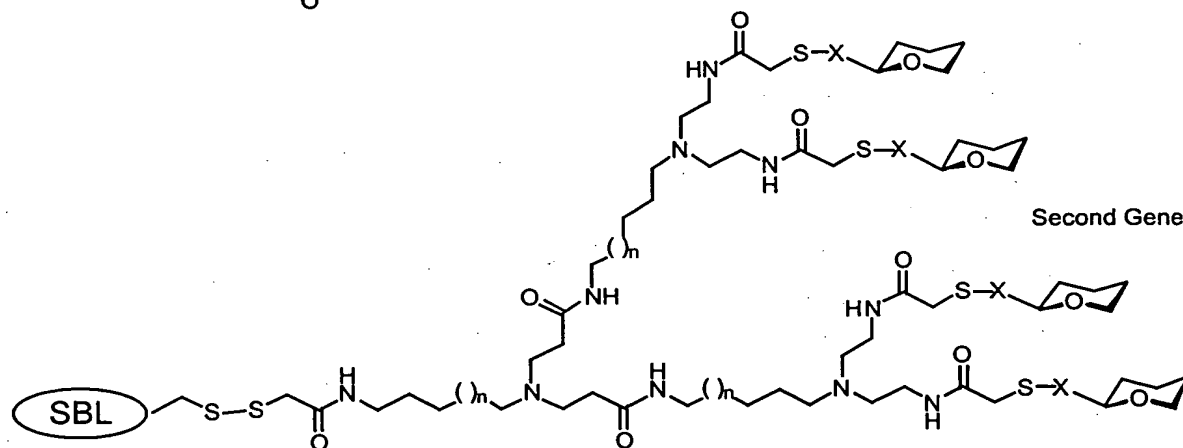
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## Type A

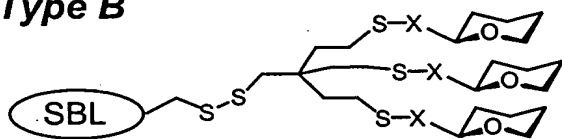


First Generation

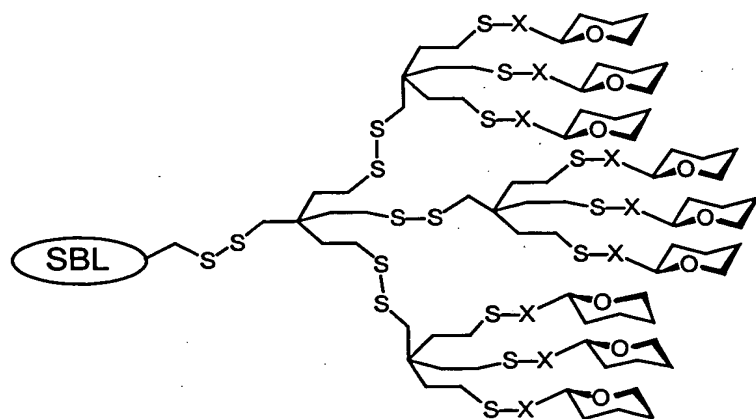


Second Generation

## Type B

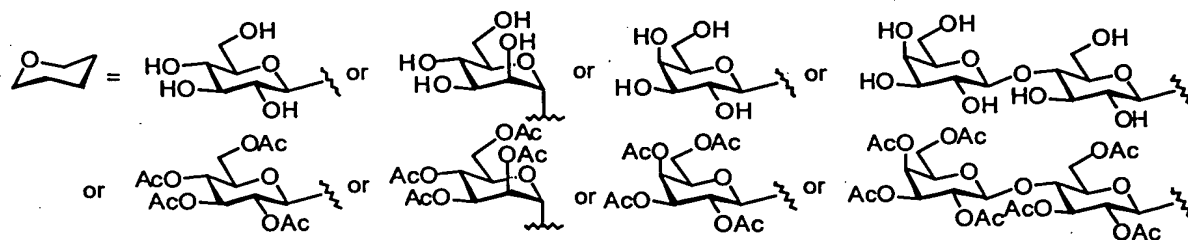


First Generation



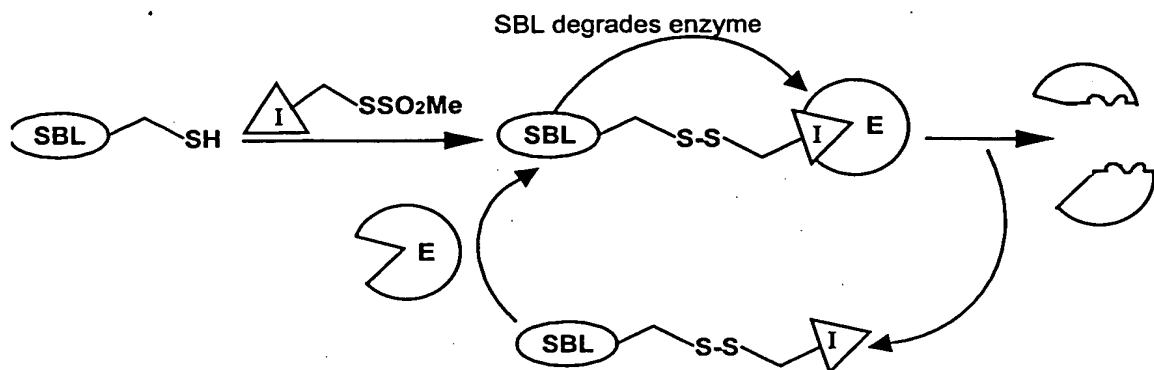
Second Generation

where  $X = S$  or  $S(CH_2)_mO$



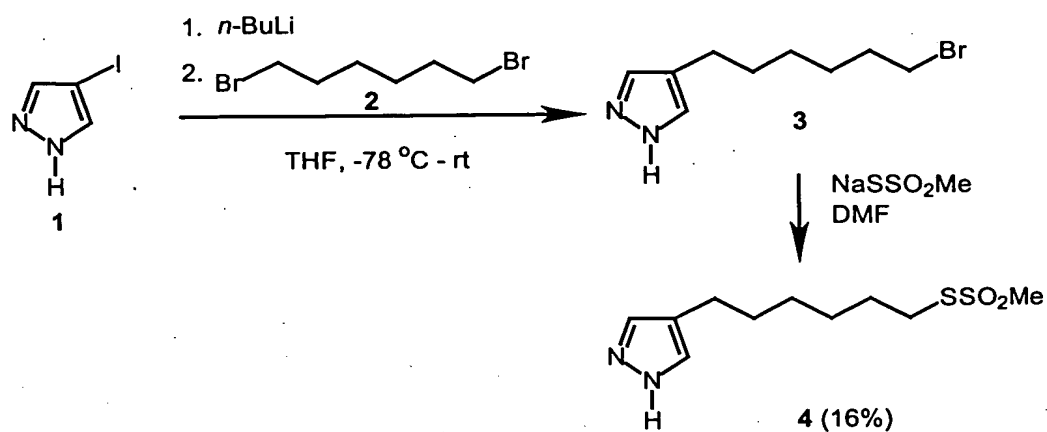
or other carbohydrates

**Fig. 1**

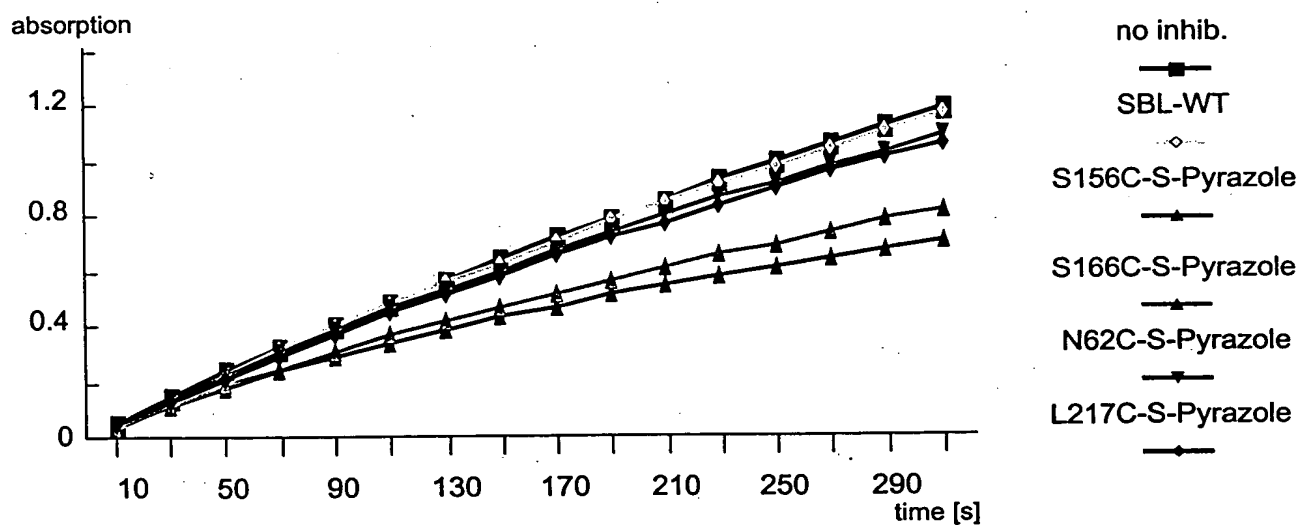


**Fig. 2**

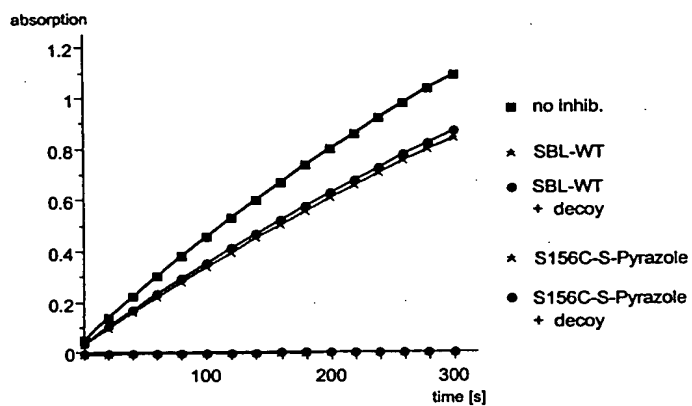
**Scheme 11**



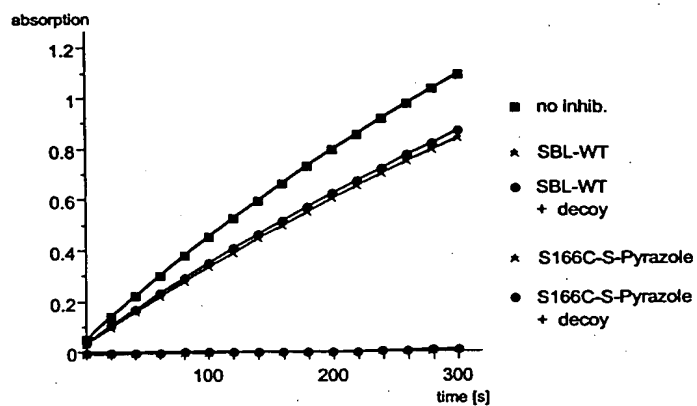
**Fig. 3**



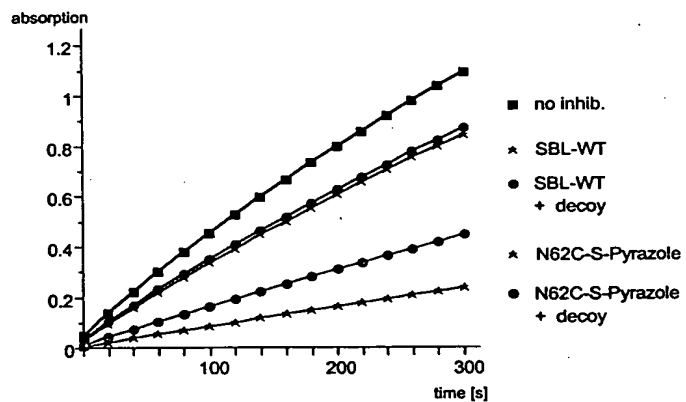
**Fig. 4**



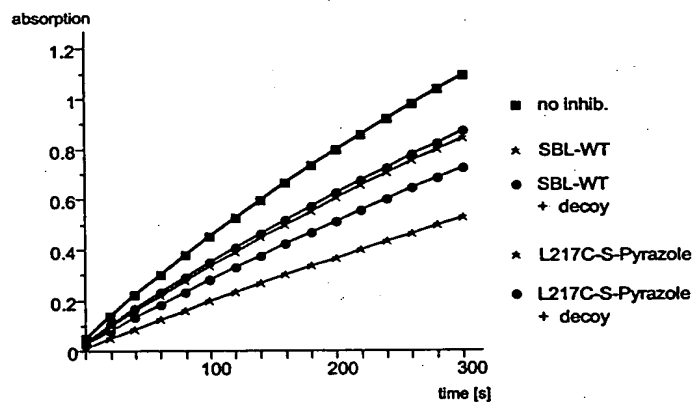
**Fig. 5A**



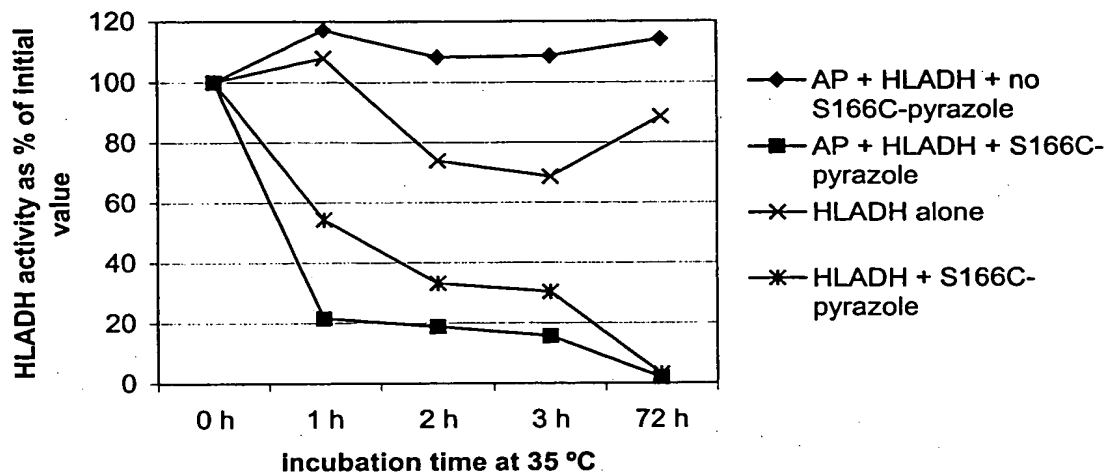
**Fig. 5B**



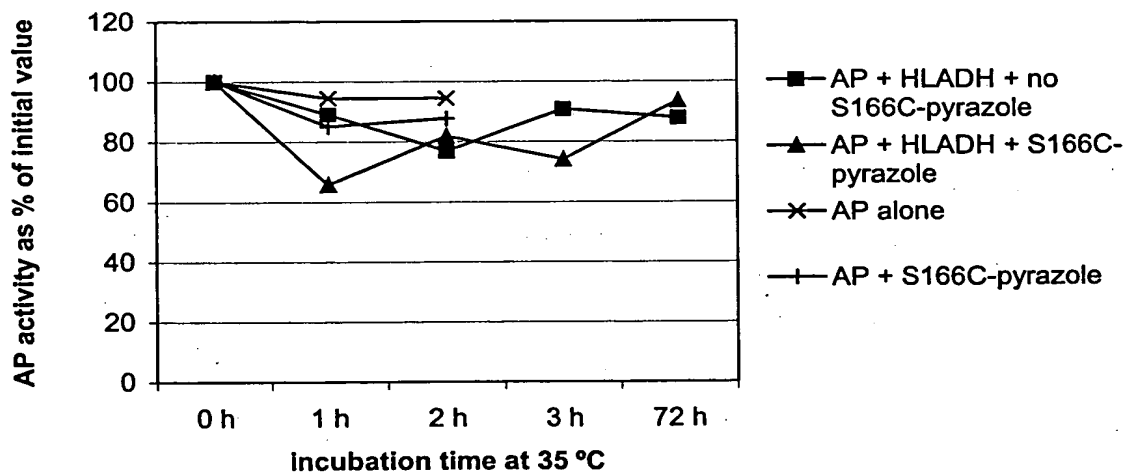
**Fig. 5C**



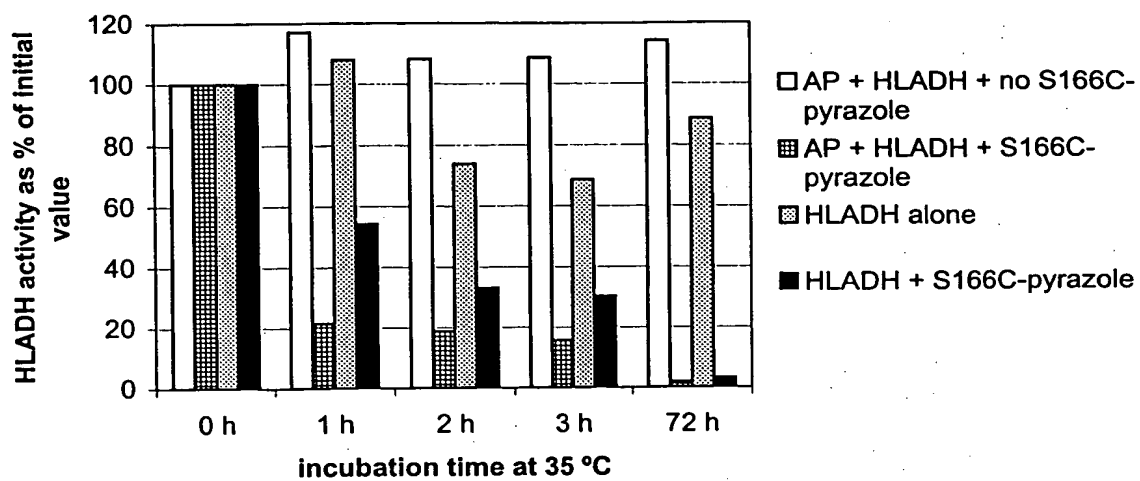
**Fig. 5D**



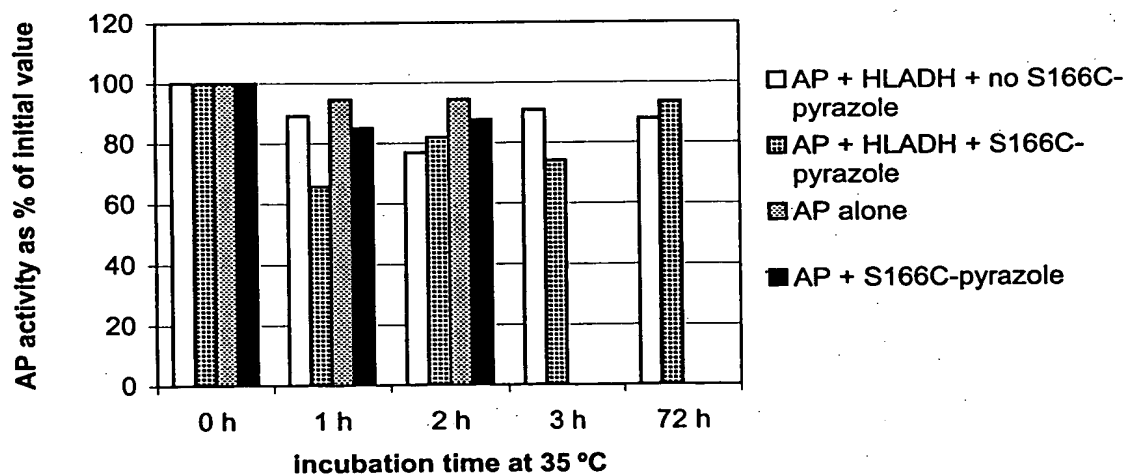
**Fig. 6**



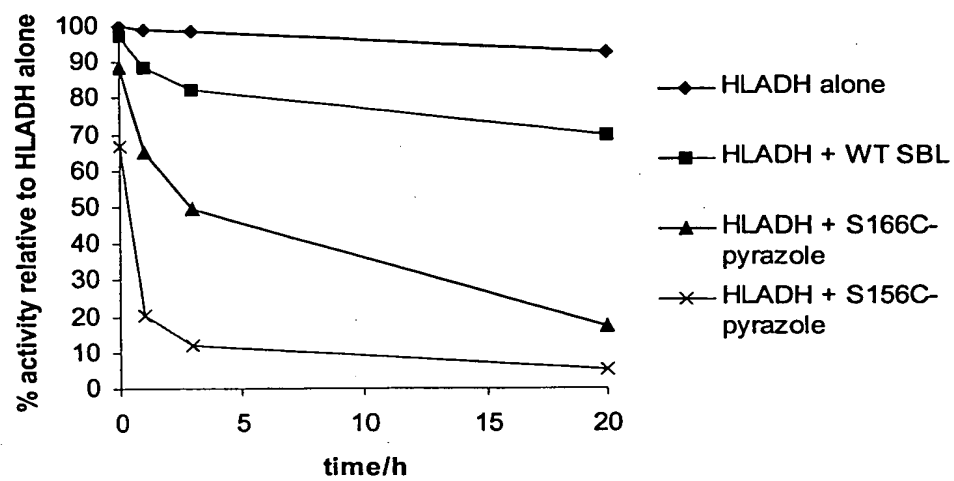
**Fig. 7**



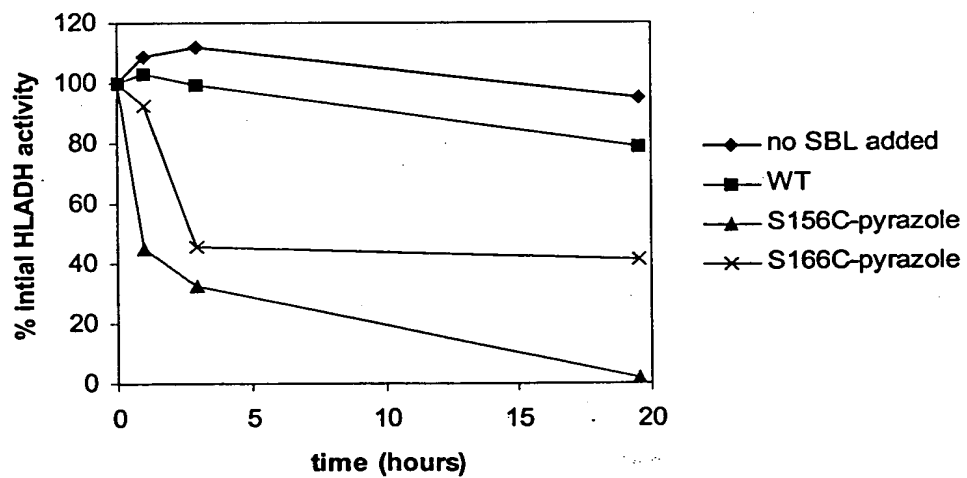
**Fig. 8**



**Fig. 9**

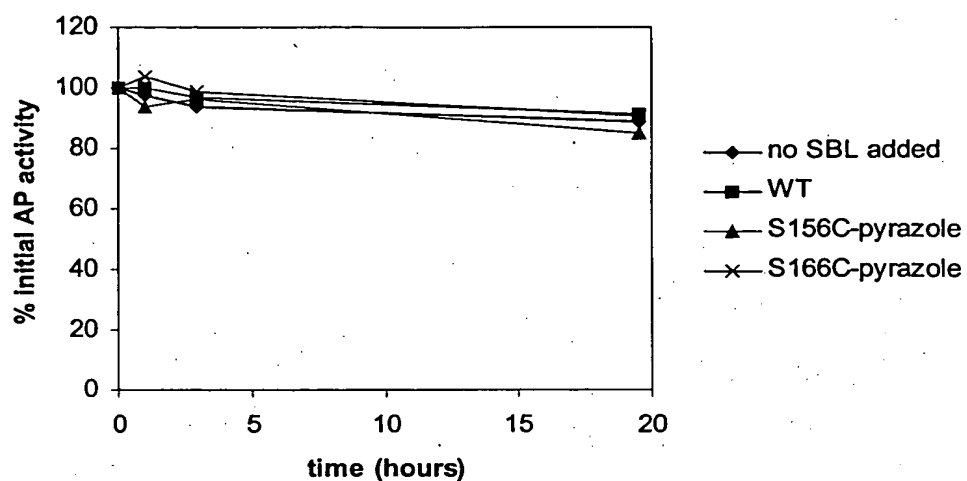


**Fig. 10**

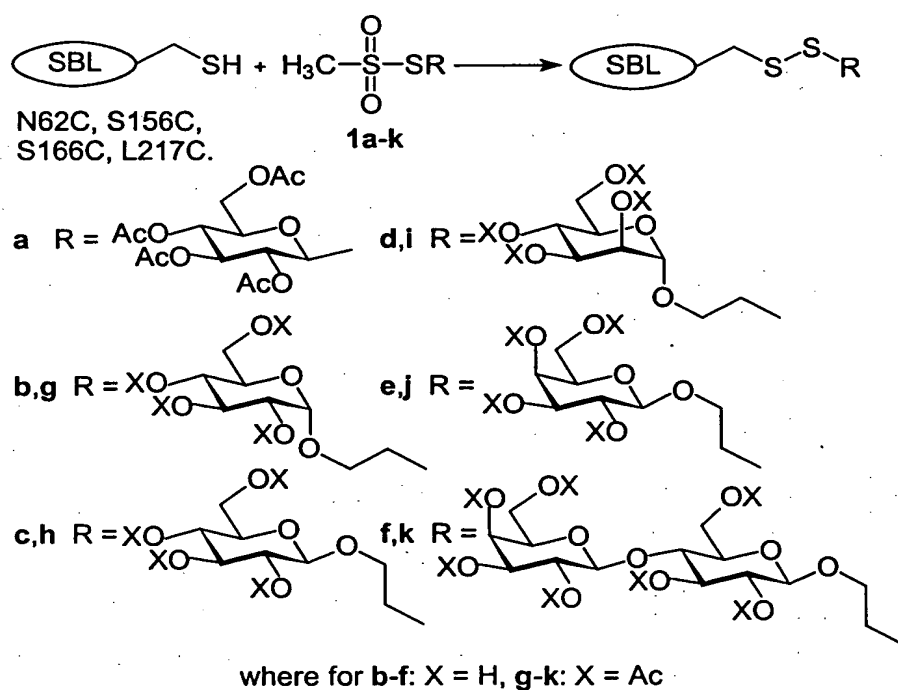


**Fig. 11**

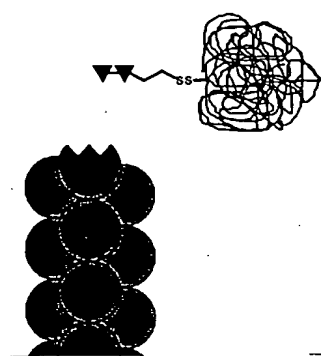




**Fig. 12**

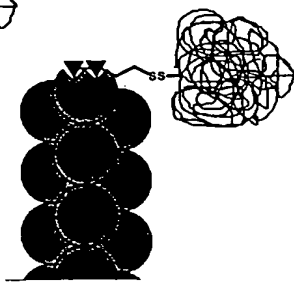


**Fig. 13**



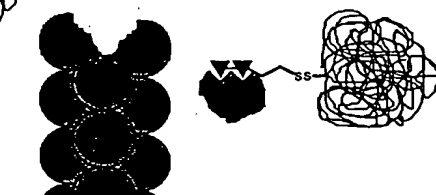
a

**Fig. 14A**



b

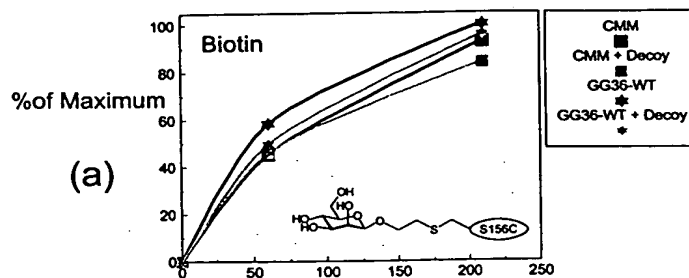
**Fig. 14B**



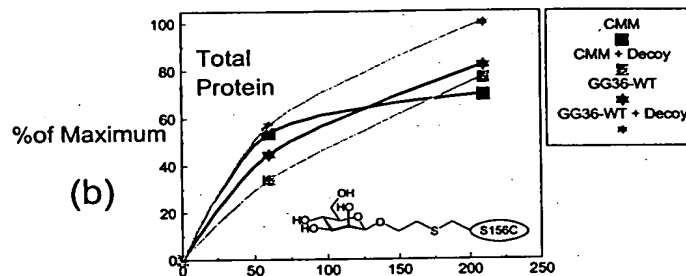
c

**Fig. 14C**

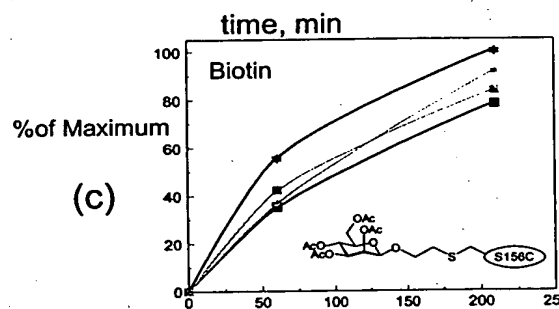
**Fig. 15A**



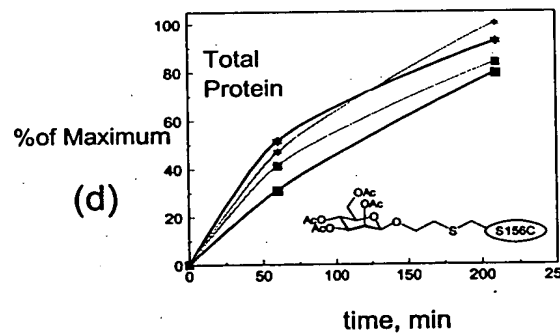
**Fig. 15B**



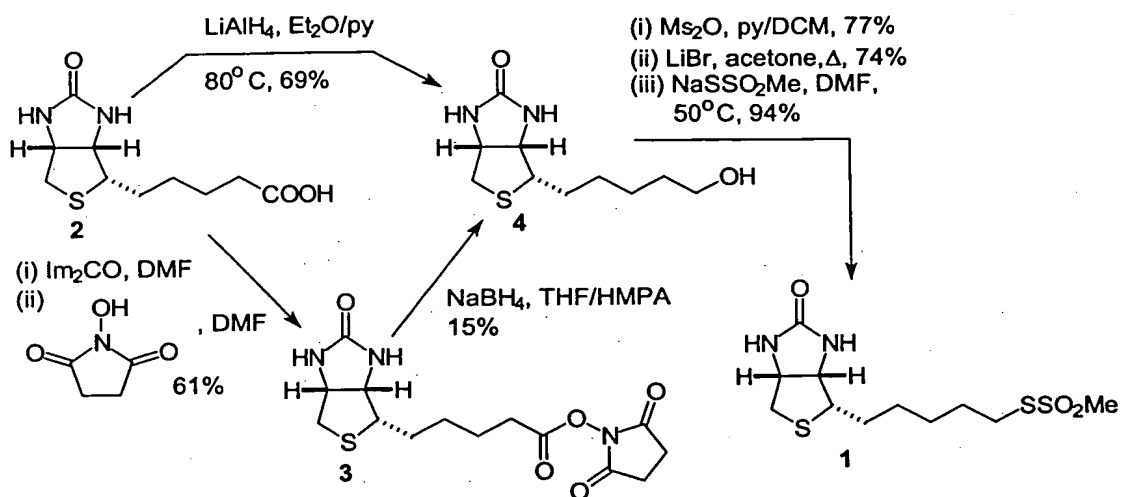
**Fig. 15C**



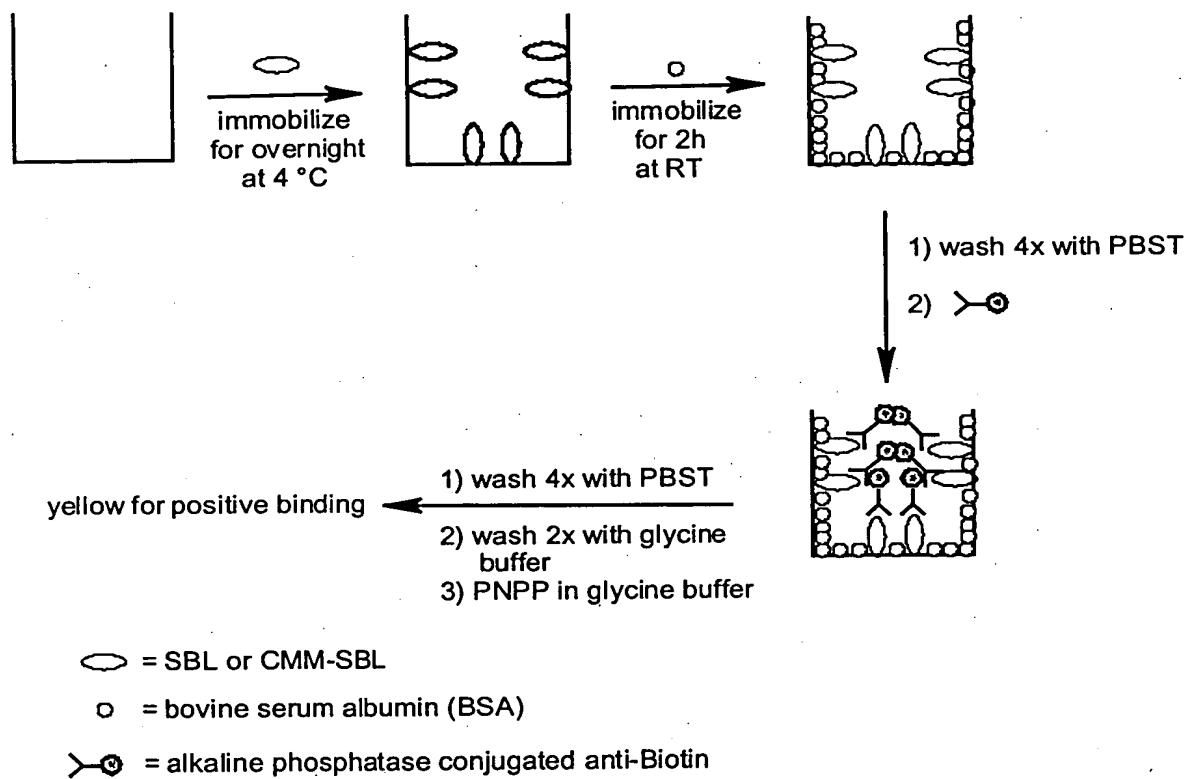
**Fig. 15D**



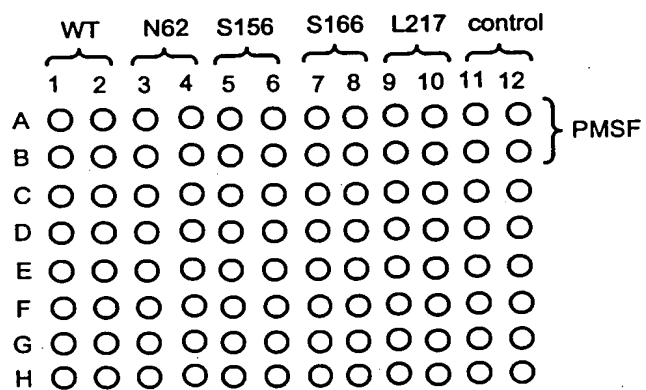
**Scheme 7:**



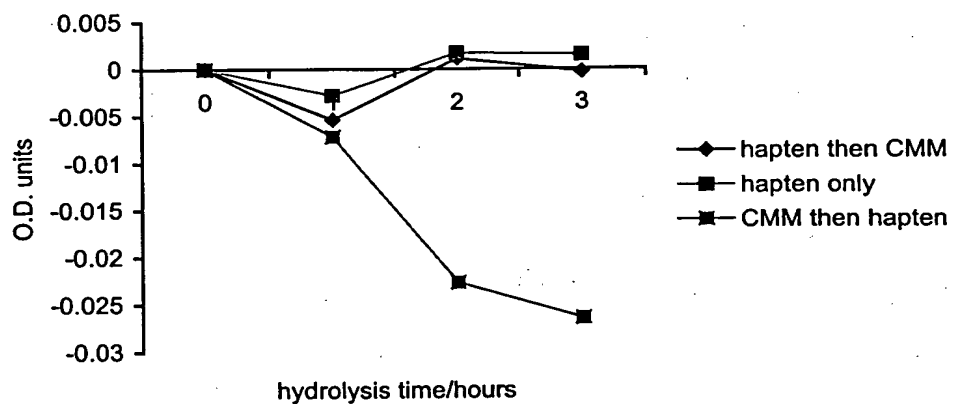
**Fig. 16**



**Fig. 17**



**Fig. 18**



**Fig. 19**